

### **Abstract**

The present invention provides a device for realizing disaster recovery of soft-switch based on packet network, comprising at least two core control devices located in different places which provide control service for their respective access equipments; wherein said core control devices further include a process unit, a database unit, a share unit and a synchronization process unit which are specifically used for remote disaster recovery; said process unit and database unit are independent of the processor and the database already existing within the core control devices, and are specifically used for providing service for remote access equipments, thereby making the core control devices in different places be of mutual disaster recovery relation; said share unit is used for sharing processing ability and data; and said synchronization process unit is used for synchronizing data between the core control devices of mutual disaster recovery. The core control devices capable of providing disaster recovery function of the present invention guarantee uninterrupted operation for system, and provide high accessibility of the access equipments in the packet switch network.